

Abstract

A drive unit 54 for an electric motor-operated vehicle is provided with a planetary gear mechanism 58 having; a sun gear 58a rotating together with a motor output shaft 57a, a planetary gear 58b meshing the sun gear 58a, and a ring gear 58c meshing the planetary gear 58b; and constituted that an arm plate 58d supporting the planetary gear 58b is rotated with the rotation of the motor 57 at a specified speed reduction ratio. The ring gear 58c is supported for rotation relative to a housing and a switching mechanism 65 is provided to hold or release the relative rotation of the ring gear 58c.